**ASSIGNMENT 2**

**PYTHON PROGRAMMING**

|  |  |
| --- | --- |
| **Team ID** | PNT2022TMID49915 |
| **Assignment Date** | 22 September 2022 |
| **Student Name** | NIKITHA.P |
| **Student Roll Number** | 950619106015 |

**Question1:**

Build a python code, Assume you get Temperature and Humidity value(generated with random function to a variable) and write a condition to continuously detect alarm in case of High Temperature.

**Program Code:**

import random

import time

while True:

Humidity=random.randint(1,100)

print(Humidity)

temp=random.randint(1,100)

print(temp)

if temp>50:

print("Temperature is high")

print("alarm")

time.sleep(2)

else:

print("Temperature is normal")

time.sleep(2)

if Humidity>80:

print("Humidity is high")

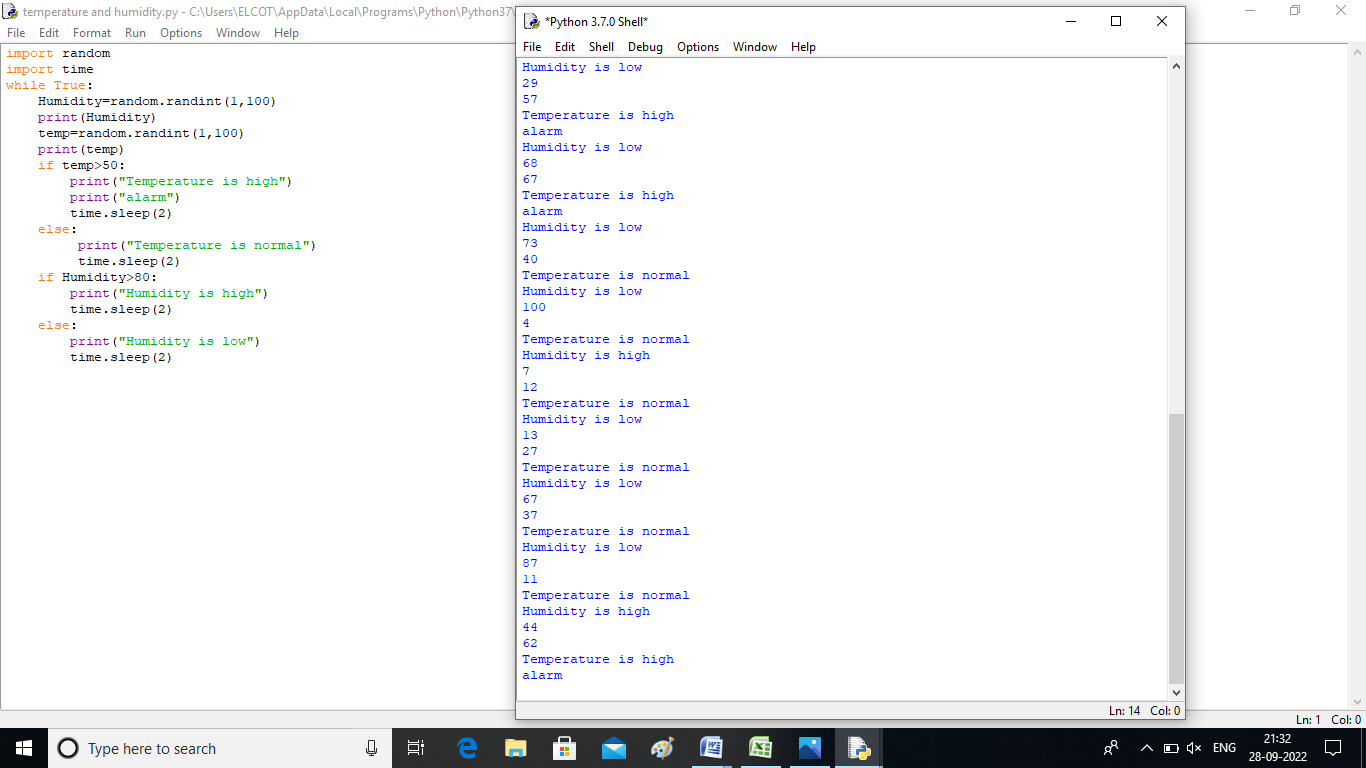
time.sleep(2)

else:

print("Humidity is low")

time.sleep(2)

**Output:**

****